

**To:** Montgomery, Shanti[Shanti.Montgomery@tetrattech.com]  
**From:** Miller, Thorpe[Thorpe.Miller@tetrattech.com]  
**Sent:** Wed 11/18/2015 7:57:11 PM (UTC)  
**Subject:** RE: HPNS RASO Concurrence Request Trench Survey Units (Backfill)

- [RE: HPS Data - Excavated Soil Pile 0753 \(CTO-12\)](#)
- [RE: HPS Data - Excavated Soil Pile 0835 \(CTO-12\)](#)
- [RE: HPS Data - Excavated Soil Pile 0837 \(CTO-12\)](#)
- [RE: HPS Data - Excavated Soil Pile 0838 \(CTO-12\)](#)
- [RE: HPS Data - Excavated Soil Pile 0839 \(CTO-12\)](#)
- [RE: HPS Data - Excavated Soil Pile 0841 \(CTO-12\)](#)
- [RE: HPS Data - Excavated Soil Pile 0842 \(CTO-12\)](#)
- [RE: HPS Data - Excavated Soil Pile 0879 \(CTO-15\)](#)
- [RE: HPS Data - Excavated Soil Pile 0881 \(CTO-15\)](#)
- [RE: HPS Data - Excavated Soil Pile 0883 \(CTO-15\)](#)
- [RE: HPS Data - Excavated Soil Pile 0895 \(CTO-15\)](#)
- [RE: HPS Data - Excavated Soil Pile 0896 \(CTO-15\)](#)
- [RE: HPS Data - Excavated Soil Pile 0897 \(CTO-15\)](#)
- [RE: HPS Data - Excavated Soil Pile 0901 \(CTO-15\)](#)
- [RE: HPS Data - Excavated Soil Pile 0902 \(CTO-15\)](#)
- [FW: Final Soil Qty for TU: 328, 329, 330, 331, 332, 339](#)

Shanti,

Here is a listing of the Trench Units and their respective FINAL Backfills. Per your request, I have attached the RASO Backfill Concurrences that respond to each of the fifteen ES Units detailed below. In addition, I have provided my concurrence notification for the Parcel C Swale Remainders utilized in TU346 as well.

Trench Unit	IR Site	ES Unit	RASO Concurrence	Cubic Yards	Import Material	Cubic Yards	Grand Total
345	36	0881	31-Mar-14	223	Jericho	1152	
	36	0883	16-Apr-14	222			
				445		1152	1597

Trench Unit	IR Site	ES Unit	RASO Concurrence	Cubic Yards	Import Material	Cubic Yards	Grand Total
346	00	0879	17-Jun-14	54	Mills Peninsula	111	
	00	0835	9-Dec-13	101			
	00	0838	14-Nov-13	121			
	00	0839	7-Nov-13	185			
	00	0841	19-Dec-13	65			
	00	PCSIR*	5-Jun-14	480			
						520	
				1006	Jericho		
						631	1637

*\*Parcel C Swale Installation Remainders*

Trench Unit	IR Site	ES Unit	RASO Concurrence	Cubic Yards	Import Material	Cubic Yards	Grand Total
347	36	0896	20-Jun-14	201	Jericho		
	36	0897	10-Jul-14	201			
						729	
				402		729	1131

Trench Unit	IR Site	ES Unit	RASO Concurrence	Cubic Yards	Import Material	Cubic Yards	Grand Total
348	36	0895	7-May-14	233	Jericho		
	36	0901	16-May-14	233			
	00	0753	14-Nov-13	231			
	00	0837	7-Nov-13	229			
	58	0842	19-Dec-13	155			
						598	
				1081		598	1679

Trench Unit	IR Site	ES Unit	RASO Concurrence	Cubic Yards	Import Material	Cubic Yards	Grand Total
349	36	0902	17-Jun-14	225	Jericho		
						1486	
				225		1486	1711

Please let me know if you have any questions or need additional information,

Thank you

**Thorpe Q. Miller** | Data Manager

Cell: 757.291.1637 | Hunters Point Shipyard: 415.671.1990

[Thorpe.Miller@tetrattech.com](mailto:Thorpe.Miller@tetrattech.com)

**IO Environmental & Infrastructure, Inc.** | Hunters Point Shipyard

2840 Adams Ave. | San Diego, CA 92116 | [www.ioenvironmental.com](http://www.ioenvironmental.com)

PLEASE NOTE: This message, including any attachments, may include confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.



**Think Green - Not every email needs to be printed.**

**From:** Montgomery, Shanti

**Sent:** Wednesday, November 18, 2015 2:10 PM

**To:** Miller, Thorpe <Thorpe.Miller@tetrattech.com>

**Subject:** RE: HPNS RASO Concurrence Request Trench Survey Units (Backfill)

Can you provide the radiologically cleared ESUs that were used to backfill these TUs plus RASO concurrences?

Thanks!

**Shanti Montgomery, PE** | Project Manager  
Direct: 415.216.2772 | Fax: 415.671.1995 | Cell: 360.320.8519  
[shanti.montgomery@tetrattech.com](mailto:shanti.montgomery@tetrattech.com)

**Tetra Tech EC, Inc.** | Hunters Point Naval Shipyard  
200 Fisher Avenue | San Francisco, CA 94124 | [www.tetrattech.com](http://www.tetrattech.com)

PLEASE NOTE: This message, including any attachments, may include confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.



---

**From:** Miller, Thorpe  
**Sent:** Wednesday, November 18, 2015 10:54 AM  
**To:** Montgomery, Shanti <[Shanti.Montgomery@tetrattech.com](mailto:Shanti.Montgomery@tetrattech.com)>  
**Subject:** RE: HPNS RASO Concurrence Request Trench Survey Units (Backfill)

Shanti,

I have attached copies of the RASO concurrence emails for Backfill concerning the following Trench Survey Units:

Trench Unit	RASO Backfill Concurrence
345	9-May-14
346	18-Jul-14
347	17-Jul-14
348	24-Jul-14
349	8-Jul-14

Please let me know if you have any questions or need additional information,

Thank you

**Thorpe Q. Miller** | Data Manager  
Cell: 757.291.1637 | Hunters Point Shipyard: 415.671.1990  
[Thorpe.Miller@tetrattech.com](mailto:Thorpe.Miller@tetrattech.com)

**IO Environmental & Infrastructure, Inc.** | Hunters Point Shipyard  
2840 Adams Ave. | San Diego, CA 92116 | [www.ioenvironmental.com](http://www.ioenvironmental.com)

PLEASE NOTE: This message, including any attachments, may include confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.



---

**From:** Montgomery, Shanti  
**Sent:** Wednesday, November 18, 2015 1:29 PM  
**To:** Miller, Thorpe <[Thorpe.Miller@tetrattech.com](mailto:Thorpe.Miller@tetrattech.com)>  
**Subject:** RE: HPS Data - Building 520 Ancillary Samples

My notes showed we received concurrence on 5/30/12.

Also, can you forward the RASO concurrences to dispose as non-LLRW for the following piles:

618  
642  
644  
645  
691  
693

Can you also forward me RASO concurrences that the following trench units had been radiologically cleared for backfill:

345  
346  
347  
348  
349

Thanks! Please charge to CTO 3.

Shanti

**Shanti Montgomery, PE | Project Manager**

Direct: 415.216.2772 | Fax: 415.671.1995 | Cell: 360.320.8519  
[shanti.montgomery@tetrattech.com](mailto:shanti.montgomery@tetrattech.com)

**Tetra Tech EC, Inc. | Hunters Point Naval Shipyard**

200 Fisher Avenue | San Francisco, CA 94124 | [www.tetrattech.com](http://www.tetrattech.com)

PLEASE NOTE: This message, including any attachments, may include confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.



**Think Green - Not every email needs to be printed.**

---

**From:** Montgomery, Shanti

**Sent:** Wednesday, November 18, 2015 10:16 AM

**To:** Miller, Thorpe <[Thorpe.Miller@tetrattech.com](mailto:Thorpe.Miller@tetrattech.com)>

**Subject:** FW: HPS Data - Building 520 Ancillary Samples

Do you have the RASO concurrence for this material?

**Shanti Montgomery, PE | Project Manager**

Direct: 415.216.2772 | Fax: 415.671.1995 | Cell: 360.320.8519  
[shanti.montgomery@tetrattech.com](mailto:shanti.montgomery@tetrattech.com)

**Tetra Tech EC, Inc. | Hunters Point Naval Shipyard**

200 Fisher Avenue | San Francisco, CA 94124 | [www.tetrattech.com](http://www.tetrattech.com)

PLEASE NOTE: This message, including any attachments, may include confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.



**Think Green - Not every email needs to be printed.**

---

**From:** Chiu, George

**Sent:** Wednesday, March 28, 2012 7:14 PM

**To:** Allen Stambaugh ([allen.stambaugh@navy.mil](mailto:allen.stambaugh@navy.mil)) <[allen.stambaugh@navy.mil](mailto:allen.stambaugh@navy.mil)>; [joseph.sevcik@navy.mil](mailto:joseph.sevcik@navy.mil); Laurie Lowman ([laurie.lowman@navy.mil](mailto:laurie.lowman@navy.mil)) <[laurie.lowman@navy.mil](mailto:laurie.lowman@navy.mil)>; Matt Slack ([matthew.slack@navy.mil](mailto:matthew.slack@navy.mil)) <[matthew.slack@navy.mil](mailto:matthew.slack@navy.mil)>; Patrick Owens ([patrick.a.owens@navy.mil](mailto:patrick.a.owens@navy.mil)) <[patrick.a.owens@navy.mil](mailto:patrick.a.owens@navy.mil)>; Zachary Edwards ([zachary.edwards@navy.mil](mailto:zachary.edwards@navy.mil)) <[zachary.edwards@navy.mil](mailto:zachary.edwards@navy.mil)>

**Cc:** Rolfe, Stephen <[Stephen.Rolfe@tetrattech.com](mailto:Stephen.Rolfe@tetrattech.com)>; Abkemeier, Erik <[erik.abkemeier@tetrattech.com](mailto:erik.abkemeier@tetrattech.com)>; Berry, Adam <[Adam.Berry@tetrattech.com](mailto:Adam.Berry@tetrattech.com)>; Bray, Jeff <[Jeff.Bray@tetrattech.com](mailto:Jeff.Bray@tetrattech.com)>; DeLong, Daryl <[daryl.delong@tetrattech.com](mailto:daryl.delong@tetrattech.com)>; Dougherty,

Christine <[Christine.Dougherty@tetrattech.com](mailto:Christine.Dougherty@tetrattech.com)>; Fluty, Robin <[robin.fluty@tetrattech.com](mailto:robin.fluty@tetrattech.com)>; Henderson, Brian <[brian.henderson@tetrattech.com](mailto:brian.henderson@tetrattech.com)>; Hubbard, Justin <[Justin.Hubbard@tetrattech.com](mailto:Justin.Hubbard@tetrattech.com)>; Jensen, Jarvis <[Jarvis.Jensen@tetrattech.com](mailto:Jarvis.Jensen@tetrattech.com)>; Kanaya, Rich <[Rich.Kanaya@tetrattech.com](mailto:Rich.Kanaya@tetrattech.com)>; Miller, Karisa <[Karisa.Miller@tetrattech.com](mailto:Karisa.Miller@tetrattech.com)>; Miller, Thorpe <[Thorpe.Miller@tetrattech.com](mailto:Thorpe.Miller@tetrattech.com)>; Montgomery, Shanti <[Shanti.Montgomery@tetrattech.com](mailto:Shanti.Montgomery@tetrattech.com)>; Smith, Phil <[phil.smith@tetrattech.com](mailto:phil.smith@tetrattech.com)>; Snyder, Marie <[Marie.Snyder@tetrattech.com](mailto:Marie.Snyder@tetrattech.com)>; Spencer, Jenny <[Jenny.Spencer@tetrattech.com](mailto:Jenny.Spencer@tetrattech.com)>; Taylor, Jane <[jane.taylor@tetrattech.com](mailto:jane.taylor@tetrattech.com)>; Wall, Paul <[Paul.Wall@tetrattech.com](mailto:Paul.Wall@tetrattech.com)>; Weingarz, Richard <[Richard.Weingarz@tetrattech.com](mailto:Richard.Weingarz@tetrattech.com)>; White, Bryan <[bryan.white@tetrattech.com](mailto:bryan.white@tetrattech.com)>  
**Subject:** HPS Data - Building 520 Ancillary Samples

Allen/Joe/Laurie/Matt/Pat/Zach:

Attached for your review are the strontium results from the oily soil/debris removed from Building 520.

**George Chiu** | Health Physicist  
Office: 415.216.2745 | Cell: 714.270.4009  
[george.chiu@tetrattech.com](mailto:george.chiu@tetrattech.com)

**Radiological Survey & Remedial Services**  
100 Washington Street Suite 200 | Reno, NV 89503  
[www.radsvcs.com](http://www.radsvcs.com)

PLEASE NOTE: This message, including any attachments, may include confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.



**Think Green - Not every email needs to be printed.**

---

**From:** Chiu, George  
**Sent:** Friday, March 02, 2012 1:26 PM  
**To:** Allen Stambaugh ([allen.stambaugh@navy.mil](mailto:allen.stambaugh@navy.mil)); Laurie Lowman ([laurie.lowman@navy.mil](mailto:laurie.lowman@navy.mil)); Matt Slack ([matthew.slack@navy.mil](mailto:matthew.slack@navy.mil)); Patrick Owens ([patrick.a.owens@navy.mil](mailto:patrick.a.owens@navy.mil)); Zachary Edwards ([zachary.edwards@navy.mil](mailto:zachary.edwards@navy.mil))  
**Cc:** Rolfe, Stephen; Abkemeier, Erik; Berry, Adam; Bray, Jeff; DeLong, Daryl; Dougherty, Christine; Fluty, Robin; Henderson, Brian; Hubbard, Justin; Jensen, Jarvis; Kanaya, Rich; Miller, Karisa; Miller, Thorpe; Montgomery, Shanti; Smith, Phil; Snyder, Marie; Spencer, Jenny; Taylor, Jane; Wall, Paul; Weingarz, Richard; White, Bryan  
**Subject:** HPS Data - Building 520 Ancillary Samples

Allen/Laurie/Matt/Pat/Zach:

Attached for your review are the ancillary sampling results from the oily soil/debris in Building 520.

**George Chiu** | Health Physicist  
Office: 415.216.2745 | Cell: 714.270.4009  
[george.chiu@tetrattech.com](mailto:george.chiu@tetrattech.com)

**Radiological Survey & Remedial Services**  
100 Washington Street Suite 200 | Reno, NV 89503  
[www.radsvcs.com](http://www.radsvcs.com)

PLEASE NOTE: This message, including any attachments, may include confidential and/or inside information. Any distribution or use of this communication by anyone other than the intended recipient is strictly prohibited and may be unlawful. If you are not the intended recipient, please notify the sender by replying to this message and then delete it from your system.



**Think Green - Not every email needs to be printed.**